Vol. 285, Nos. 1–2 Clinica Chimica Acta July 1999

CONTENTS

Cited in: *Biological Abstracts—Elsevier BIOBASE/Current Awareness in Biological Sciences—Chemical Abstracts—Current Contents/Life Sciences—EMBASE Excerpta Medica—Index Medicus—Clinical Chemistry Lookout—Current Clinical Chemistry—Informedicus—PASCALM—Reference Update—Current Clinical Cancer*

Research articles

Antioxidant status and lipid peroxidation in human feto-placental unit
S. Qanungo, A. Sen and M. Mukherjea (India) 1

Effect of flavonoids on protease activities in human skeletal muscle tissue in vitro
D. Mantle, G. Falkous and E.K. Perry (UK) 13

A pilot study of garlic consumption shows no significant effect on markers of oxidation or sub-fraction composition of low-density lipoprotein including lipoprotein(a) after allowance for non-compliance and the placebo effect
D.J. Byrne, H.A.W. Neil, D.T. Vallance and A.F. Winder (UK) 21

Link between glycation and lipoxidation in red blood cells in diabetes
M. Inouye, T. Mio and K. Sumino (Japan) 35

Thermodynamic characterisation of the mutated isoenzyme A of β-*N*-acetylhexosaminidase in GM2-gangliosidosis B1 variant
L.F. Pérez, H.M. Ribeiro, J.A. Casal, R.A. Pinto, M.C. Sá Miranda and J.C. Tutor (Spain, Portugal) 45

Determination of copper, zinc, and selenium in human plasma and urine samples by potentiometric stripping analysis and constant current stripping analysis
M.L. Gozzo, L. Colacicco, C. Callà, G. Barbaresi, R. Parroni, B. Giardina and S. Lippa (Italy) 53

Sialic acid content of LDL and lipoprotein metabolism in combined hyperlipidemia and primary moderate hypercholesterolemia
N. Lindbohm, H. Gylling, T.E. Miettinen and T.A. Miettinen (Finland) 69

Lymphocyte glutathione levels in acute leukemia
V. Singh Ghalaut, S. Kharb, P.S. Ghalaut and A. Rawal (India) 85

Relationship between the apolipoprotein E and angiotensin-converting enzyme genotypes and LDL particle size in Japanese subjects
K. Okumura, H. Matsui, K. Kawakami, Y. Numaguchi, S. Kaneko, I. Morishima, S. Mokuno, Y. Toki and T. Hayakawa (Japan) 91

C-erbB-2 expression and its relationship with ploidy, p53 abnormalities and epidermal growth factor receptor content in human non-small cell lung cancer
J.A. López-Guerrero, P. Bolufer-Gilabert, F.J. Vera-Sempere, I. Marugán de la Concha and E. Barragán-González (Spain) 105

A variation in Bone Alkaline Phosphatase levels that correlates positively with bone loss and normal levels of aminoterminal propeptide of collagen I in girls with anorexia nervosa
J.A. Calero, M.T. Muñoz, J. Argente, M.L. Traba, C. Méndez-Dávila, C. García-Moreno and C. de la Piedra (Spain) 121

The detection of a unique antigen associated with papillary thyroid carcinoma
M. Maruyama, R. Kato, S. Kobayashi and Y. Kasuga (Japan) 131

Identification of compound heterozygous mutations (G188E/W382X) of lipoprotein lipase gene in a Japanese infant with hyperchylomicronemia: the G188E mutation was newly identified in Japanese
A. Takagi, Y. Ikeda, K. Tachi, T. Shinozuka and A. Yamamoto (Japan) 143

(*continued on inside back cover*)

CONTENTS Direct

This journal is part of **ContentsDirect**, the ***free*** alerting service which sends tables of contents by e-mail for Elsevier Science books and journals. You can register for **ContentsDirect** online at: **www.elsevier.nl/locate/contentsdirect**

0009-8981(199907)285:1/2;1-M

05097

(Contents continued from outside back cover)

Short communications

Cloning and sequence of partial cDNAs encoding the human type V and VI adenylyl cyclases and subsequent RNA-quantification in various tissues
S. Raimundo, J. Giray, J.-N. Volff, M. Schwab, J. Altenbuchner, D. Ratge and H. Wisser (Germany) 155

α-Tocopherol acetate significantly suppressed the increase in heart interstitial 8-hydroxydeoxyguanosine following myocardial ischemia and reperfusion in anesthetized rats
C.-S. Yang, W.-Y. Chen, P.-J. Tsai and J.-S. Kuo (People's Republic of China) 163

Stability of brain natriuretic peptide (BNP) in human blood samples
H. Shimizu, K. Aono, K. Masuta, H. Asada, A. Misaki and H. Teraoka (Japan) 169

Case reports

A novel frameshift mutation in exon 6 (the site of Asn 291) of the lipoprotein lipase gene in type I hyperlipidemia
J. Kobayashi, I. Nagashima, K. Taira, M. Hikita, K. Tamura, H. Bujo, N. Morisaki and Y. Saito (Japan) 173

A case of classical xanthinuria (type 1) with diabetes mellitus and Hashimoto's thyroiditis
Y. Shibutani, T. Ueo, T. Yamamoto, S. Takahashi, Y. Moriwaki and K. Higashino (Japan) 183

Acute hypermagnesemia and respiratory arrest following infusion of $MgSO_4$ for tocolysis
(T.)Z. Cao, R. Bideau, R. Valdes Jr. and R.J. Elin (USA) 191

LD–IgG, IgA, IgM complex in a postburn patient
Z. Liu, W. Wang and M. Wei (People's Republic of China) 195

Calendar 199
Author index 201
Subject index 205
Instructions to Authors 209